WHAT IS CLAIMED IS:

1. A vacuum cleaner comprising:

a nozzle assembly for drawing in an air from a surface to be cleaned, the air having dust and dirt entrained therein;

a main body including a body frame, a dust collector connected to the body frame for separating the dust and dirt from the air drawn into the dust collector, and a drive motor for generating a suction force; and

a frame assembly, including a frame body and a connecting portion integrally formed with a lower part of the frame body, the frame assembly connected with the nozzle assembly in pivoting relationship.

2. The vacuum cleaner of claim 1, wherein the frame body further comprises a front casing facing forward with respect to the vacuum cleaner and a rear casing coupled to the front casing, the frame body being shaped and configured to correspond to an outer circumference of the main body.

3. The vacuum cleaner of claim 1, wherein the frame assembly further comprises a support for supporting the main body of the vacuum cleaner in a mounting position.

4. The vacuum cleaner of claim 1, wherein the frame assembly further comprises a connecting guide for removably connecting accessories to the vacuum cleaner.

5. The vacuum cleaner of claim 1, wherein the frame body further comprises at least one wheel connected to a lower part of the frame assembly for contacting the surface to be cleaned.

6. The vacuum cleaner of claim 1, wherein the main body of the vacuum cleaner is connected to the dust collector, and further comprises a dust receptacle removably connected to the body frame for collecting the dust and dirt therein and a button formed at an upper part of the body frame.

7. The vacuum cleaner of claim 6, wherein the frame assembly further comprises a frame handle disposed at an upper part thereof, and a handle groove disposed at a position corresponding to the button of the main body of the vacuum cleaner.

8. The vacuum cleaner of claim 7, wherein the button at the main body of the vacuum cleaner is integrally formed with a connecting projection so that the connecting projection is moves together with the movement of the button, and a connecting recess is disposed in the frame body of the frame assembly and being shaped and dimensioned to correspond to the connecting projection so that the main body of the vacuum cleaner is detachably connected to the frame assembly.

9. The vacuum cleaner of claim 8, wherein at least part of the connecting recess is slanted to provide easy connection to the main body of the vacuum cleaner.

10. The vacuum cleaner of claim 1, wherein the connecting portion of the frame assembly comprises a communicating hole through which the air drawn in through the nozzle assembly is directed to the main body of the vacuum cleaner, and a communicating member connected to the communicating hole is formed at the main body of the vacuum cleaner.

11. The vacuum cleaner of claim 1, wherein a power port is disposed at one side of the connecting portion for providing power from the main body of the vacuum cleaner, and power connector is disposed at a lower part of the main body of the vacuum cleaner to be connected to the power port.

12. The vacuum cleaner of claim 1, wherein at least one first guiding member is provided to the connecting portion, and at least one second guiding member corresponding to the first guiding member is formed at the lower part of the main body of the vacuum cleaner so as to provide a connection between the main body of the vacuum cleaner and the frame assembly.

13. The vacuum cleaner of claim 12, wherein the first guiding member is shaped and dimensioned in a convex protrusion shape and the second guiding member is shaped and dimensioned in a corresponding concave groove.

14. The vacuum cleaner of claim 12, wherein the first guiding member is shaped and dimensioned as a concave groove and the second guiding member is shaped and dimensioned as a convex protrusion.

15. The vacuum cleaner of claim 1, wherein a seating guide corresponding to the lower part of the main body of the vacuum cleaner is disposed at the connecting portion.

16. The vacuum cleaner of claim 15, wherein the seating guide is shaped and dimensioned as a convex protrusion, and the lower part of the main body of the vacuum cleaner is shaped and dimensioned as a concave groove corresponding to the shape of the seating guide.

17. The vacuum cleaner of claim 15, wherein the seating guide is shaped and dimensioned as a concave groove, and the lower part of the main body of the vacuum cleaner is shaped and dimensioned as a convex protrusion corresponding to the shape of the seating guide.

18. The vacuum cleaner of claim 1, wherein the connecting portion includes a shaft member extended downwardly therefrom for pivotably connecting the shaft member with the nozzle assembly.

19. The vacuum cleaner of claim 1, wherein an on/off switch is disposed at a front part of the main body of the vacuum cleaner.

20. The vacuum cleaner of claim 1, wherein a first fixing portion is formed at the upper part of the nozzle assembly, and a second fixing portion is formed at the lower part of the frame assembly, corresponding to the first fixing portion, to provide a connection between the connecting portion and the frame assembly.

21. The vacuum cleaner of claim 20, wherein the first fixing portion is shaped and dimensioned as a concave groove, and the second fixing portion is shaped and dimensioned as a convex protrusion.

22. The vacuum cleaner of claim 20, wherein the first fixing portion is shaped and dimensioned as a convex protrusion, and the second fixing portion is shaped and dimensioned as a concave groove.